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Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_48387
Title of the Manuscript:	THE STUDY OF TERRESTRIAL SOLAR RADIATION IN AWKA USING MEASURED METEOROLOGICAL DATA
Type of the Article	ORIGINAL RESEARCH PAPERS

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>Equations 7 and 8 are not correct. There is an error first in derivation (eq.7), and consequently in eq.8. These errors must be corrected.</p> <p>Marked sentences at the beginning of the Results and Discussion part are not clear and must be revised (as indicated in the comments in the paper).</p> <p>At the end of 6th page, authors comments are not in full agreement with the figure they refer to (Fig.4). Perhaps some more explanations are advisable (it is also indicated in the comments).</p>	<p>All the errors have be corrected to reflect expected presentation. It is the derivation of Eq 3 by opening bracket and using product rule for parameters T and e that give rise to Eq 7 and the corrected Eq8.</p> <p>As regards to fig.4 is the mean value of terrestrial radiation that is hgher in dry season which comprises months of (Nov – Mar) than mean value of wet season period.</p>
Minor REVISION comments	<p>Overall language is very good, and there are some minor corrections, as indicated in the paper.</p> <p>It is costumary to mark variables in Italic, so if it does not present a problem to authors they should revise this.</p> <p>More references are advisable.</p>	<p>More references have been added and other indicated corrections effected.</p>
Optional/General comments	<p>The subject of the paper is very interesting and the investigations are thorough. Obtained data should be extremely useful for future application of solar systems. The obtained results, and consequently conclusions drawn from them are valuable for possible data base of factors that influence terrestrial solar insolation at the specific site.</p> <p>The title and the abstract are coherent and appropriate to the content of the paper, and the paper as a whole is well structured.</p> <p>The authors must correct above mentioned mistakes and such revised paper could be published consequently.</p>	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	